C.CRANE

800-522-8863 • ccrane.com

Annual Catalog 2017

Words from Bob

Radio is always changing and the news and information lets us know what is currently going on at a local, national and world level. Radio is less intrusive than the plethora of brilliant color screens that penetrate our lives. They want your eyeballs and where you visit so they can sell the data to the highest bidder. Radio delivers new concepts, education and opinions in a way that allows you to learn and experience life in a more personal and wonderful way.

Contrary to some opinions conventional radio is still immensely popular. Internet radio is like a big life bonus to an avid radio listener. With internet radio you may finally be able to listen to your favorite station clearly and perhaps you will find a surprising new one. Our job is to help you listen to what you want to hear, the way you want to hear it.

We have new earbuds made for someone who listens to the spoken word! We have one model that works with a radio and one model that works with a smartphone. They not only make voices more clear, but we have made the earbuds very comfortable for most ears.

We also have a new set of amplified speakers with audiophile quality sound. They can be used with almost any type of audio input but my selfish favorite is our CC WiFi internet radio.

If you like C. Crane, you may want to sign up on our web page to receive our emails. You'll be the first to receive special offers and information on some new items expected early 2017. It's definitely worth it.

Subscribe at: *ccrane.com/newsletter*

Front Cover:
-CC Buds-Pro and Pro-Mic Earbuds - pages 18 and 19.
Back Cover:
-Aego³ speaker systems - pages 16 & 17.
New Item:
-CC Vector WiFi Repeater - page 12.

CC SKYWAVE

With AM, FM, Shortwave, Weather + Alert and the Aviation Band

The Ultimate travel pocket radio!

The CC Skywave opens up a marvelous new world of radio when you're traveling. The reception, audio and durable build are what this radio excels at. The Skywave has an intuitive layout so it's easy to use. Incoming radio signals can be manipulated to reduce interference.

Sometimes it's important to find out what's going on. The Aviation Band lets you listen in on nearby pilots, air traffic controllers, and ground crew. English is the standard language used in aviation worldwide.

Included is a pair of our original CC Buds for your listening pleasure, and a carry case. Rotary volume. Voice/ music tone control.

Weight: 6.0 ozs. (without batteries). Size: 4.75" W x 3" H x 1.1" D. Runs for 70 hours on two "AA" batteries (not included) or on optional AC power

Item #SKWV.....**$89.99**
Item #SKWVP.....**AC Adapter** (optional).....**$14.99**
Item #CCSWA....(CC SW Reel Antenna, pg. 24).....**$14.99**

CCRadio2E

Portable AM/ FM/ WX + Alert/ 2-Meter Ham Band

Designed for long range reception and audio clarity

The purpose of the CCRadio-2E is to make weak signals strong and to produce crisp, accurate audio for the spoken word.

AM performance comes from our patented Twin-Coil Ferrite® AM Antenna and traditional FM reception is exceptional in its ability to bring in a weak station clearly. The audio of this enhanced version can be adjusted for accurate, warm voice rendition along with good musical performance.

This radio also has the weather band and alert along with the 2-meter Ham Band. More information about the 2-Meter Ham Band can be found at: *CCRadio.com/2-meter*.

Since the CCRadio's original debut the external design has remained the same but there have been countless revisions inside to improve performance, durability and audio. It is one of the most popular portables manufactured and many experts feel it is the best portable radio made.

Weight: 4 lbs (without optional batteries) Size: 11" W x 6.5" H x 4" D. Runs on included AC power cord or four (optional) "D" Batteries. Features include: clock and alarm, sleep timer, presets, line in/ out jacks and NOAA weather alert.

Item #CC2BE.....Black Mica.....$169.99
Item #CC2TE.....Titanium.....$169.99
Item #CA3.....CCRadio-2E Carry Case...$39.99

CC POCKET

With AM, FM and Weather + Alert

Our pocket radio is a real blessing when on the go

We combined ease of use, great reception and sharp, well defined audio together in this little jewel of a radio. You can listen on the built-in speaker or the *included high quality original CC Buds* that are tuned for the spoken word.

It has five easy to use, one touch memory buttons for each band and stands upright for best audio. Rubber coated sides help with grip.

- Display light, sleep timer, clock and alarm, belt clip
- FM stereo or mono switch and reception indicator
- NOAA Weather Radio with Alert (disables AM/FM radio while activated)
- About 75 hours of play with ear buds, 25 hours with built-in speaker using (2) AA batteries (not included)
- FM antenna wire included
- 1, 9 & 10 kHz fine tuning steps

Weight: 3.8 oz. without batteries. Size: 2.5" W x 4.25" H x 1" D.

Item #CCPKT.....$64.99

Item #WERKH....Chest Harness....$29.99

Garden Noise Reduction Headphones & Radio Kit

Noise Reduction Headphones combined with a great radio

Some of the more unpleasant jobs are weed eating, grinding, polishing and riding a lawn mower.

The WERK kit can quickly become an indispensable friend in noisy environments. Unfortunately, it is difficult to build a good radio into noise reduction headphones that will survive the twists, bumps, drops, dust and rocks when working outdoors.

Chest Harness

C. Crane's WERK radio kit gives a more durable solution - better reception along with a Noise Reduction Rating of 25 decibels.

We supply the CC Pocket Radio, Noise reduction headphones and a heavy duty 3' patch cord. The patch cord has a right angle connector to help absorb pressure on the headphone jack.

The pocket of the Chest Harness is 3" W x 3" H x 1.25" D with (2) elastic cords. Can hold up to Galaxy 5®, iPhone 5®, or items 2.5" W x 2.5" H.

Item #WERK.....$99.99 (includes all but chest harness)

Also sold separately;
Item #WERK3.....Heavy Duty 3' Patch Cord.....$8.99
Item #WERKHP.....Noise Reduction Headphones.....$39.99
Item #CCPKT.....CC Pocket Radio.....$64.99

Item #WERKH.....Chest Harness (Sold Separately).....**$29.99**

CC SOLAR OBSERVER

AM/ FM/ Weather Windup Emergency Radio

Winter is coming...

The Observer is a simple, affordable and compact radio with enhanced reception and audio performance. For emergency use it can be powered in four different ways and can charge many different USB type devices including cell phones in a pinch.

In 1992 three earthquakes hit Humboldt County where we live. All three registered between 6.5 and 7.2 in magnitude and all happened within a 17 hour period. Communication and services, including electricity, were hopelessly overloaded. In the Crane home shards of broken glass and bare feet were everywhere. All of our flashlights had been over used by our blessed children. We vowed to make a good emergency radio and light so that this would never happen again.

The radio can be powered by wind-up, optional AC power, solar panel or 3 “AA" Alkaline batteries (not included). In an emergency it can charge cell phones with the included USB port adapter.

Weight: 1 lb. Size: 7.25" W x 5.5" H x 2" D.

Item #COBS..... $54.99
Item #OBA....AC Adapter (optional)... $14.99

CCRadio-EP

AM/FM Portable Radio built with Simplicity

The radio that is "just a radio"!

The portable CCRadio-EP could be considered a "super radio"; built for ease of use and outstanding long range AM performance.

Great for listening to Talk Radio, NPR, Music and Sports, the EP has wide bass and treble adjustment range for defined music and voice reproduction.

A large 5-inch speaker is combined with a hi-fidelity amplifier and a "Wide/ Narrow" enhancement dial to give extra clarity to AM programs. For those extra weak AM stations simply fine tune the built-in Twin Coil Ferrite® AM Antenna.

Includes external antenna jacks for those who live or work in a metal or concrete building and enjoy listening to a radio.

The EP is a true "analog" radio with dial tuning, so there will be some variance in the accuracy of the needle and dial. If you require pinpoint precision we recommend taking a look at one of our digital radios.

Weight: 4.5 lbs. Size: 11.4" W x 7.3" H x 2.75" D. Runs on four optional "D" batteries (not included). AC adapter is included.

Item #CEP.....$84.99

CC Witness+

DIGITAL MP3 RECORDER-Player with Built-In AM/FM Radio

The CC Witness Plus is compact and it records for hours. It is great as a travel radio and for listening to podcasts. If you like to exercise to music, the CC Witness Plus can record your favorite music from the Internet. A special feature can detect song breaks and create individual recording tracks so you can skip to the next song or delete songs you don't like.More information at: *ccrane.com/witness*

- AM and FM radio with 10 memories per band
- Record up to CD quality (WAV)
- 2 GB onboard memory (up to 140 hours of recording time)
- SD card slot for more memory
- One-Touch Recording (Hold record button to select recording time)
- Built-in stereo microphones and line-in jack for recording
- Small built-in speakers. Earbuds included.
- Mini USB connects to a PC or MAC®
- Records from any headphone jack or audio out

Item #CWTPL..... $149.99

CC Witness Plus Accessory Kit

The CC Witness Plus Accessory Kit includes a charging cradle to keep your Witness Plus fully charged without needing to use a computer. It also includes an AC adapter, clear carry case w/ belt clip and an arm band carry case. The cases come in handy for hands-free listening.

Item #PLACC (Accessory Kit)..... **$39.99**

CC Witness Plus *and* Accessory Kit

Save $10.00 when you buy the Witness Plus and Accessory Kit together. You will have all the items you need for computer use, recording, and hands-free listening.

Item #PLKIT....(Save $10.00)..... **$179.98**

Item #8GB (8GB SD Card)..... **$14.99**

CCWiFi

Internet Radio with iHeartMedia®, Pandora® and Radio.com-CBS®

Get even more of your favorite music and news for free!

The operation of the CC WiFi radio is simple and direct. It allows you to find a station by call letters, stations, by state, or country. You can search for the type of music you like from all over the world. The operation is more direct than finding a new station on a computer or smartphone. It does not have a color screen, and graphic advertising is a tiny fraction of what is found on a smartphone or computer. You have up to 100 times more genres of news and music (approximately 16,000 stations) than any satellite radio all subscription free.

To use the radio you need a WiFi signal and your WiFi network's name and password

Radio.com-CBS and iHeartMedia have added most of their stations to the radio s streaming! The radio also streams Pandora. It has a remote control, clock, alarm and 99 memory presets. C. Crane has no control over content or the provider for internet radios. Station streams are not guaranteed.

The CC WiFi has good audio for its size. Please see our Aego3 speaker system for additional, outrageous audio. You can also use our FM Transmitter-2 *(ccrane.com/transmitter* or see page 22) to send the WiFi signal to a nearby radio or stereo.

Weight: 1 lb. Size: 6.5" W x 3.9" H x 3.9" D. AC Adapter, Remote Control, and Ethernet port included. Uses Reciva technology.

Item #CWF.....$119.99

Relatively simple ways to improve WiFi range

WiFi is a necessary utility in this modern age and creating a fast stable WiFi connection at long range can be difficult. In the “real world” WiFi signals have to travel through walls. The interference from other networks can leave us with a connection distance of about 300′ at best. Our WiFi Antennas can help increase this range to make a stable connection.

Check *ccrane.com/wifioverview* for approximate range improvement.

Versa WiFi USB Adapter 3

Small, simple solution for travel

Plugs into your USB port and the 5dBi antenna gives about 300′ distance with a max of about 1/2 mile with no obstructions.

It comes with a magnetic stand and 8' cable that can be placed on your vehicle or in a window where signals are received best.

Plug it in and the drivers automatically install for Windows 7 and above. Compatible with Windows XP through 10. 8′ cable included.

Item #WF3.....$29.99

7dBi WiFi Antenna

This replaces the smaller stock antenna found on your router. It is the easiest way to increase the range distance by approximately 30% to 50%.

Check *ccrane.com/7dBi* to be sure the fittings will match RP-SMA type connections.

Item #7SMA.....$9.99

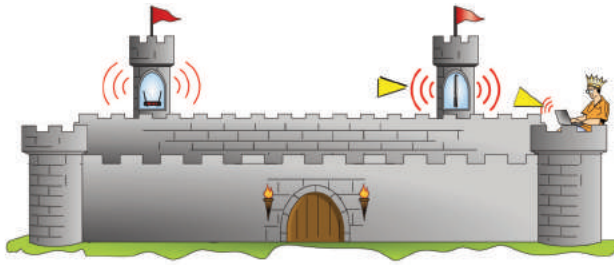
CC Vector WiFi Repeater

The CC Vector connects to one of our three USB WiFi antennas and repeats the strong signal over a wide area. If there is a weak WiFi signal that's too far away for good performance, the CC Vector can latch on and repeat a stronger signal in your location. The reception exceeds other "WiFi Range Extenders" designed for in-home use. It works on all smartphones, tablets, PC's, MAC and smart TV's. It uses the most popular WiFi band at 2.4GHz.

We have three repeater systems to match three common WiFi problems. For a large home, an RV or for a remote building. See the illustrations below and the configurations on the next page. Setup is simple and easy for basic computer users. It is capable of supporting two users watching standard quality video like Netflix™ or several users browsing the internet simultaneously. Comes with full C. Crane Technical Support.

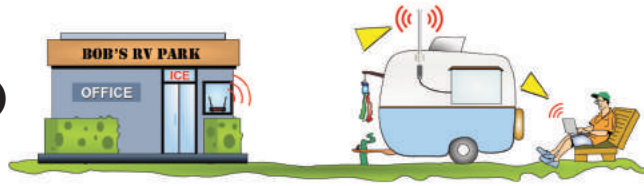
More information at *ccrane.com/wifioverview*

1



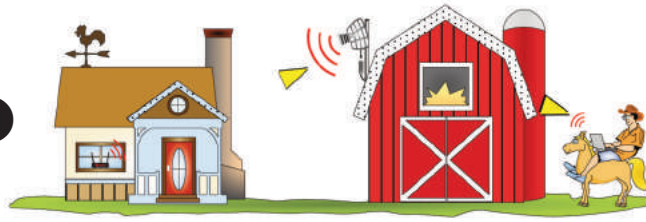
CC Vector Home - WiFi Repeater System - Extends Your WiFi in a Large Home

2



CC Vector RV - WiFi Repeater System - Extends Free WiFi to Your Camp Site

3



CC Vector Long Range - WiFi Repeater System - Extends Your WiFi to the Barn

CC Vector Home - WiFi Repeater System

It can connect to a weak WiFi network about 300′ away. In extreme distance tests we connected to a network a mile away (with no obstructions).

It broadcasts to your devices of up to 10,000 square feet depending on obstructions. The included Super USB WiFi antenna 3 is small, and can be mounted in a window or outside for best reception. This system works for a large home or getting a signal from across the street.

3.7 lbs. AC adapter, 15′ USB split cable, 18" Ethernet cable, suction cups & lanyard included.

Item #VEC1.....$169.99

CC Vector RV - WiFi Repeater System

It can connect to a WiFi network about 400′ away depending on obstructions. You can repeat a distant public WiFi signal to your RV, boat, or Big Rig.

The CC Vector RV repeater system includes our heavy duty CC X Mile Omni antenna. It mounts to a pole or ladder outside your vehicle, and connects to the CC Vector repeater inside. The 8dBi antenna does not require aiming and receives in all directions.

4.5 lbs., 30′ USB split cable, software, mount & hardware, sealant and silicone grease included.

Item #VEC2.....$189.99

CC Vector Long Range - WiFi Repeater System

It can connect to a WiFi network about half a mile away depending on obstructions. The CC Vector Long Range uses a directional 15dbi parabolic antenna to increase speed and reduce interference from other WiFi networks.
The system mounts outdoors to a fixed location.

Max range of about 3 miles depending on the router/antenna you are connecting to, and obstructions. Mast not included.

8.95 lbs., 30′ USB split cable, software, mount & hardware, sealant and silicone grease included.

Item #VEC3.....$199.99

Super USB WiFi Antenna 3

Boosts WiFi reception to one computer

Give your computer a powerful WiFi boost. Base range is 300′ and in our extreme distance tests we connected to a network a mile away (with no obstructions).

Indoor/outdoor rated. Drivers automatically install for Windows 7 and above. Compatible with Windows XP through 10. See page 14 for our repeater systems.

Size: 1.4" W x 10" L x 0.6" D. Antenna weight: 1.8 ozs.
15′ USB split cable, suction cups, mounting strip, cable tie, lanyard, grommets and software included.

Item #US3.....$69.99
Item #SPC....30-ft USB Cable (optional)**.....$19.99**

More information available at *ccrane.com/wifioverview*

CC X Mile Omni

Improve your computers WiFi reception in all directions in your RV, Boat, or Big Rig. The CC X Mile Omni is made for outdoor use with solid construction for mounting to a pole or ladder.

8dbi antenna and software included. Drivers automatically install for Windows 7 and above. Compatible with Windows XP through 10.

Antenna size: 1” W x 22” H. Antenna Wt. 14 ozs. Total wt. 1.3 lbs. CC X Mile WiFi Receiver, 8dBi Antenna, 30′ USB split cable, software, mount & hardware, sealant and silicone grease included.

Item #XMILE8.....$119.99

CC X Mile Long Range

Great solution for improving WiFi at a fixed location for one computer. Similar to our original CC X Mile Omni, the Long Range version uses a directional 15dbi parabolic antenna to increase speed and reduce interference from other WiFi networks. Drivers automatically install for Windows 7 and above. Compatible with Windows XP through 10.

Antenna Size: 15.75” W x 11.8” H. Antenna Wt. 3.3 lbs. Total wt. 8.25 lbs. CC X Mile WiFi Receiver, 15dBi Antenna, 30′ USB split cable, software, mount & hardware, sealant and silicone grease included.

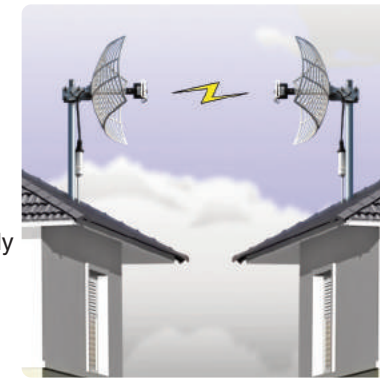
Item #XML15.....$129.99

Introduction to Specialized WiFi Systems

The following specialized WiFi systems can double your Internet speed over other types of systems. It requires custom settings and hardware. We offer a variety of specialized long range systems for higher data speeds and simultaneous users. We recommend you have some knowledge of this type of equipment or have professional installer experience. The systems are normally configured and wired at C. Crane for your purpose. A secure password must be obtained from you. C. Crane deletes passwords after your system has been configured so you must retain it.
Note: Internet service is supplied by you. More information on these systems is available at *ccrane.com/wifioverview* or please call us if you are interested in one of the following systems:

Long Range WiFi Bridge System

Comes Configured and Wired



It's the best way to connect two locations to the same network wirelessly up to 3 miles away. Two parabolic antennas (sold separately) that will be mounted and face each other without any obstructions.

The signal between the two points is highly encrypted and very secure.
You can think of it as a wireless Ethernet cable that works at long distances.

Custom Access Point WiFi System

Provides outdoor WiFi service for 20 to 50 people downloading general content and email, as found at an RV Park or military type camp. Capable of handling 3 or 4 people streaming video simultaneously. Connect the included 50′ Ethernet cable to your existing router and place outdoors where the signal can be received best. Our 8dBi Omni-directional antenna (sold separately) gives good coverage from 1/4 to 1/2 mile in all directions.

Custom Station to Router WiFi System

An easy way to create a router station just about anywhere, using a distant WiFi signal. Once set up, just plug in a WiFi router (not included) and it works like a normal Internet connection. Similar to the WiFi Bridge System but requires only half the equipment. It can connect to any WiFi signal or hotspot where you have password permission. Our 15dBi parabolic antenna (sold separately) is recommended. Normal incoming reception is about 1/2 mile but can reach up to 3 miles. Depending on the originating antenna and interference from other nearby networks.

NEW! Aego³ Amplified Stereo Bluetooth® 4.0 3-Piece Speaker Set

For your smartphone, computer, TV, tablet or Internet radio

The goal of any music system should be to accurately re-create the original audio. There are many options available but finding a simple, yet great audio solution for that special place, is not easy.

For music, the 3rd generation Aego³ gives a deep, full, and well-rounded bass while providing outstanding voice clarity. Since the bass is adjustable (four levels) you can lower it to precisely enhance clarity.

You can connect via Bluetooth®, a stereo patch cord or via digital optical to ensure it is compatible with a wide range of devices. The subwoofer can be located away from the two satellite speakers because bass is non-directional.

Compact in size, the satellite speakers and subwoofer provide soothing, graceful music for a work/office area, kitchen/dining room, bedroom or for party time.

The Aego³ are not designed for loud pounding, ear piercing action movie audio like you'd find in a home theater, but are extraordinarily smooth and full in a modestly sized TV room (recommended for 20 ft. x 14 ft. room or smaller. C. Crane carried the previous model 10 years ago and we continue to enjoy them to this day.

These satellite speakers can easily be plugged into the subwoofer (power required) with the included RCA cables. Wired speakers are more reliable. Bass, treble, volume and mode are adjusted with the included remote control.

This product can only be shipped within the United States.

Features:

- Full operations by remote control.
- Compact size. Fits almost anywhere.
- Easy to set up and simple to use.
- Bluetooth 4.0.
- Class A & B Amplifiers.
- 48Kb DAC.
- Active equalization.
- Digital optical.

Subwoofer – 8" W x 14" H x 12" D.
Satellite speakers – 3" W x 4" H x 5" D.

More info at ccrane.com/aego3

Item #SUBSPK.....$399.99

NEW! Aego Sound3ar Amplified Stereo Bluetooth® 4.0 Speaker Set

For your smartphone, computer, TV, tablet or Internet radio

The compact Soundbar speaker system, which has the same features as the Aego³ Home Music Speaker System, is built for a TV, gaming system or a computer station. Audio is directed to the listener for a more intimate experience.

The soundbar and subwoofer are ideal if you prefer audio projected towards your seating area from a TV entertainment system or gaming console. If you prefer dispersed audio for music, consider the Home Music Speaker System shown on the previous page.

Compact in size, the soundbar and sub-woofer fit well when space and clean looks are important. The soundbar can be placed in front of a screen or mounted on a wall. The soundbar is 20" W x 3" H x 3" D. It can only be shipped within the United States. *More info at ccrane.com/aegobar*

Item #SUBBAR.....$399.99

Senta 40 Wooden Headphones

Musician designed

They look like they sound: smooth, clean, clear and natural. Offering a full range response and incredible stereo imaging, the Senta 40's deliver your music faithfully, and they're really comfortable.

The headband is lightweight and adjustable. Ultra soft ear cushions on ebony wood offer long lasting comfort.

The headphones feature a folding design for convenient storage and portability. 1/8" stereo tip plug. Detachable 4-foot fabric cord and carry case included.

Item #S40HP.....$49.99

NEW! CC Buds Pro

Designed and built for voice clarity

There are more than 1000 earbuds on the market. The vast majority of high quality earbuds are built for music, which means they have enhanced bass response. The CC Buds-Pro have high quality materials but are designed for studio monitor type bass response. This allows voices to come through loud and clear. The CC Buds-Pro means less listening fatigue. The right hand earbud is identified by the blue segment.

The CC Buds-Pro will work with smartphones when listening to your playlists but won't give you mic capability when answering calls. If this is important to you, see the CC Buds Pro-Mic Earbuds, which are built to use with your smartphone.

Fit is equally important because everyone's ears are different. Six different earbud covers are provided for custom comfort. Included in the Pro and Pro-Mic earbuds are three sets of small, medium and large covers in comfortably soft silicone and the same three sizes in compressible foam. The foam covers provide enhanced bass and noise isolation. You select the best covers for your ear. Regardless of what earbuds you own, it is recommended that you replace the earbud covers annually or whenever you notice wear and tear to prevent pieces from going inside your ear canal.

Features of the CC Buds-Pro:

- Standard 1/8" stereo plug for anything with a headphone jack.
- Great for listening to talk radio and podcasts and audio books.

NEW! CC Buds Pro Mic

Built to use with your smartphone

The CC Buds Pro-Mic means phone calls are more legible.

The Pro-Mic Earbuds have a three-button volume-up/ down and answer call control for most standard smartphone functions.

A high quality mic is built in the back of the control for excellent audio for outgoing calls. The right hand earbud is identified by a red segment.

Features of the CC Buds Pro-Mic:

- Standard 1/8" (4) segment smart-phone plug (only works with smartphones or tablets. Will not work on radios).
- Great for incoming calls, conference calls, and listening to audio books and podcasts.

Item #CCBUDSPRO....CC Buds-Pro**..... $19.99**
Item #CCBUDSMIC...CC Buds Pro-Mic**.....$24.99**
Buy 2 and get one free.

Single Earphone - Timeless Quality

This inexpensive small earplug is built for use with a regular radio. It has a separate plastic hook that can loop over your ear for comfort.

1/8" stereo tip plug. 6-foot cord.

Item #SCE.....$3.99

Voz Headphones

The Voz are good-sounding headphones at an affordable price. They have good bass response for music and they are accurate when listening to talk radio. They are probably better than a similar pair you might find at a big box store and for less. Adjustable headband, large ear cushions, 1/8” stereo tip plug and 7-foot cord.

Item #VHP1.....$14.99

Voz Earbuds

Nothing fancy here, but make no mistake, these no-frills earbuds are some of the best we tested. They’re an inexpensive upgrade for any portable audio player. Enjoy the richness of every note and the clarity of full stereo sound.

We include four extra ear cushions with every order. 1/8" stereo tip plug. 4-foot cord.

Item #BWC.....$9.99

Over The Earphone

The Over The Earphone speaker looks unusual but it is comfortable, durable, and has good voice audio quality. We have some law enforcement and news program listeners who use it for steadfast listening where good comfort is a concern, along with still being able to hear when someone talks. 1/8” stereo tip plug. 5-foot cord.

Weight: 0.8 oz. Size: 1.8" W x 2.8" H x 0.5" D.

Item #OTE.....$9.99

Stereo Audio Patch Cable

This 36” long mini 3.5mm 1/8” stereo audio patch cable is heavy duty and has a right angle connector that helps absorb pressure on the headphone jack of your smartphone or audio device.

1/8” Plug. Cable is 36” (3 feet) Long.

Item #WERK3.....$8.99

SoftSpeaker™ Pillow Speaker

This pillow speaker has saved a marriage or two ...

The SoftSpeaker is the first pillow speaker designed not just to go under your pillow. It can sit right on your pillow, closer to your ear, so only you can hear it.

To create the SoftSpeaker, we started with a rare earth magnet speaker which is encased in soft padded foam and enclosed in a teddy-bear soft cover. The cover is so plush you can rest your ear right on it. We realize pillow speakers break, so our design uses a high quality, fiber reinforced cable and a durable, flexible, strain relief to improve longevity.

The SoftSpeaker-2 has an in-line volume control so you don't have to reach for your radio or phone to control the volume. Both speakers offer the perfect combination of comfort, privacy and quality. Plug the speaker into the headphone jack of any radio or smart phone, put it on your pillow and enjoy some of the highest music and voice fidelity available.

Size: 2" Dia., 6.5′ cord with 1/8" stereo plug. Removable, washable cover. (Pat. #US D466,886 S). One year warranty.

Item #PS2.....SoftSpeaker.....**$22.99**

Item #SSV.....SoftSpeaker-2 with Volume Control.....**$24.99**

Digital FM Transmitter-2

Send near-broadcast-quality audio from your mobile phone or any audio device to any nearby FM radio!

The FM Transmitter-2 uses common FM radio waves to send sound from any device you choose to any nearby FM radio or stereo system. The only wire you have to connect is from the FM Transmitter to a headphone jack. You can use it with your iPhone®, WiFi internet radio or even your satellite radio.

Most people use the FM-2 to send audio from their computers or televisions to a nearby radio, while other customers have told us how they use it with their televisions, guitars, portable DVD players or iPod® (a lot of fun in cars) and even other radios.

The FM-2 has a thumbwheel that allows you to adjust the input for best audio quality and a two-level LED indicator to help set optimal signal level. It broadcasts clean, very high fidelity stereo audio. Maximum distance of about 45 feet line of sight with no obstructions. Broadcast distance will vary depending on your location (for more information, Google search: *ccrane fm transmitter-2*). Choose any FM frequency between 88.3 MHz and 107.7 MHz. Portable and fits in the palm of your hand.

Weight: 5.8 oz. Size 3" W x 3.5" H x 1" D. Runs on two (optional) “AA” batteries. AC Adapter, 6” dual RCA plugs to 1/8” stereo jack patch cord included. (Patent # US D483,024S) FCC compliant.

Item #FM2.....$49.99

Twin Coil Ferrite® AM Antenna
Signal Booster

Capture AM like never before

The Twin Coil Ferrite® AM Antenna is ideal for boosting most AM radio reception. No matter what kind of radio you're using the antenna will reduce 90% of nighttime fade out, and help reduce static and distortion. The Twin Coil can double the audio clarity of any weak station during the day.

The antenna was designed to work with everything from portable radios without antenna connectors to home stereos with wire antenna terminals. Its wireless ferrite stick works on radios without antenna connectors.

The antenna element is capable of picking up a clean signal some distance from your radio and sending it to the radio and overriding the static. This feature alone can make it the ideal AM antenna when there is no other way to get a clean signal. It has the highest gain of any commercial AM antenna.

The antenna element has directional characteristics. By rotating the antenna element in a window or outside you can improve the signal strength. As with any antenna, you may need to take the time to experiment to find the best location.

25′ cable, patch cords, antenna, tuner, ferrite stick, mounting hardware and AC Adapter are included. The tuner can take a 9V battery (not included) for off grid use.
(Pat. #US 6,529,169 B2)

Item #TCA.....$99.99 (Limited supply).
Item #J50.....50” Install Kit.....$34.99 (Limited supply).

Terk AM Advantage

When you want better AM reception, but also want an AM Antenna with some style points, you have a great choice.

The Terk comes with a 6′ wire with twin leads so you can connect it directly to your stereo or radio. You can also use it just by setting the antenna near your AM radio (through a process called inductive coupling).

The Terk AM Antenna outperforms any of the smaller antennas normally included with a home stereo system. Size: 9.25" high.

Item #TR1.....$44.99

CC SW Reel Antenna

The CC SW Reel Antenna is a convenient and inexpensive way to improve the reception of any shortwave radio. Just attach the end clip to the telescoping antenna of your radio and extend the antenna up the wall or to a window. Winds up into a sturdy case for portability.

Size: 4" W x 2.9" H x 0.8" D.
Antenna length is 23″

Item #CCSWA.....$14.99

FM Reflect Dipole Antenna

Our best indoor FM Antenna that also works with HD FM Radio.

A quick and easy way to improve the FM reception of your portable radio or stereo receiver is with the affordable FM Reflect Antenna. The FM Reflect can be bent and shaped to get the best reception from the circular polarization now used by many FM stations.

Size: 54" all-copper element with an 8-foot feed line. Weight: 8.5 oz. Comes with "F" connector, balun spade connector and alligator clip.

Item #FMW.....$34.99

CC Lantern Wind-Up LED Lantern

Make it exciting when the lights go out!

Just pop up the lantern from its self-storing body and choose between low and high to light your way. This excellent, compact lantern makes it perfect for camping, hunting, or keeping in a calamity kit for natural disasters.

All adapters and cables are included for charging the lantern using a USB port or 12 Volt car adapter. Also, you can charge your mobile phone using the lantern's USB port or the 12V socket USB adapter in your car. Charges Android™, but not iPhone®.

Size: 4.2" W x 9" H x 4.5" D. - Collapsed size: 6.1" H.
Weight: 17.5 ozs.

Item #DLL.....$44.99

Power Vivid® Pocket Flashlight

The handy Power Vivid delivers an intense white beam of light from a single bright LED, using a single (AA) battery (not included).

Features include a durable aluminum housing, detachable keychain lanyard, it's waterproof and has a push button on/off switch.

Size: 3.7" L x 0.8" Dia.

Item #PVF.....$7.99

The CC LED Spot XB

Gives off nearly 100 watts of the old incandescent style light.

- Less than 1/2 the weight
- Uses less than 1/2 the battery power
- 3 year warranty

Advanced 10 watt LEDs are 3 times brighter than our previous Spotlight.

With 3 "C" batteries you will get approximately 5 hours on High, 10 hours on Medium, and 60 hours of use on the Low setting. Also an emergency flash for safety. Rubberized high impact plastic.

Wrist lanyard and adjustable stand included. O-ring sealed and water resistant IPX4. 500 lumens. The smart Hi/Med/Lo/Flash logic is exclusive to C. Crane.

3-year limited warranty by C. Crane. Size: 5.9" W x 5.6" H x 3" D. Weight: 10.2 ozs. Runs on three “C” batteries (not included). Wrist lanyard included, shoulder strap sold separately.

Item #SPOTXB.....$49.99

Item #SPOTXBSTP.....Shoulder Strap.....$4.99

Unity Plus LED Flashlight

The Unity Plus is perhaps the perfect combination of power, size, weight and run time.

We have received praise from law enforcement saying it was the last flashlight working in a late night maneuver.

The Unity can be focused to an intensely strong beam, and the wide beam setting is great for general use. At a distance of 50′ the light can be narrowed to 2′ wide. Perfect for long distance spotting. The handle is the right size for a firm grip and for self-defense.

On a set of (2) “C” batteries you will get about 4 hours of continuous use on the high setting, and about 22 hours on low. The smart Hi/Med/Lo/Flash logic is exclusive to C. Crane.

Batteries not included. Single 3-Watt LED bulb. Size: 8.5” L x 1.63” Dia.

Item #UPLF.....$34.99

CC Trek 4-LED

Waterproof Flashlight

The original CC Trek 4-LED Flashlight started a flashlight revolution in 1998 and is still the one by which to be measured. You get over 40 hours of bright light, and after that, over 100 hours of useful light. The long battery life and shockproof, slim design make this the perfect flashlight for a backpack or purse.

The soft, even light cuts through darkness better than incandescent flashlights and without the frustration of a fragile filament bulb. The 4 LED bulbs last about 30,000 hours. Durable "twist on/twist off" switch. Tested waterproof to 160 feet. Elasticized lanyard included. Highest quality.

Made in USA. U.S. Patented.
C. Crane Exclusive.
Lifetime limited warranty through Tektite Industries.

Weight: 4.5 oz. Size: 7.4" x 1.3" dia.
Runs on three “AA” batteries (included).

Item #CCB4...Black.....$34.99

Item #CCY4...Yellow.....$34.99

White LED Magna-Lite Reader

Magnifying Glass

With the Magna-Lite Reader Magnifying Glass the batteries last four times longer and you get about twice the light than that of the original incandescent bulb! And, the LED bulb is guaranteed for 10 years. The LEDs make the Magna-lite Reader the ideal quality tool for detail. The rim protects the lens.

Classic quality for hobbies, reading maps, books and the newspaper. The main lens is 2x and the smaller lens is 4x. Made in USA. Runs for about 24 hours on four "AA" size batteries. (included).

Lens 3-3/8" Dia.
Handle 1.625" W x 9" L x 3.75” Dia.

Item #MLR.....$39.99

Solar Battery Charger - AAA, AA, C, D and Prismatic

Let the sun charge your batteries! This solar charger holds two Rechargeable Batteries of the same type and size (AAA, AA, C, D and Prismatic). It puts out about 150mA and about 5 volts. Many other solar battery chargers tested were unsuitable because their voltage was too low.

There is a built-in stand on the bottom of the charger, which can be adjusted so that the charger points directly towards the sun. This will allow you to get the maximum charge rate for your batteries. The meter on the top shows you the current output from the solar panel. A diode is used to block current when there is no sun so the batteries stay charged. The solar charger will also charge 7 different sizes of Prismatic rechargeable batteries. Prismatic batteries are a fairly new battery used for some mobile devices.

The Universal Solar Battery Charger is small which makes it convenient for home, extended power outages and outdoor activities.

Size: 6.8" W x 4.5" H x 2.3" D.

Item #SBC.....$24.99

Rechargeable Batteries

“AAA” 1000 mAh NiMH Batteries	-	**Each price: $2.99..... Item #N3A**
“AA” 2500 mAh NiMH Batteries	-	**Each price: $2.99..... Item #NHA**
“C” 5000 mAh NiMH Batteries	-	**Each price: $9.99..... Item #NC**
“D” 10,000 mAh NiMH Batteries	-	**Each Price: $14.99.....Item #ND**

Customer Service:
Our customer service department is available at 800-522-8863 or by email at: *customerservice@ccrane.com*, Monday through Friday, 8:15am to 5:00pm PST. We want to build a positive relationship with you so please contact us if we can help with any product questions you may have.

Warranty information:
All our products come with a full manufacturer's warranty; usually one year parts and labor unless otherwise noted.

Returns and Exchanges:
Our products come with a 60-day satisfaction guarantee. If an item proves to be unsatisfactory within this period you can return it to us (in its original product packaging) for a full refund or credit towards another product. Please insure it. Shipping charges are non-refundable. Please call for a return authorization. A reasonable deduction may be made for any damaged items.
Please keep your catalog.

Privacy Policy:
We do not release any information about you to anyone. Our next catalog will mail in October of 2017. Thank you for your support.

Bargains:
We sometimes have returned merchandise available at about 10% off its regular price; we call these "orphans". Each item is carefully checked out and thoroughly cleaned. A full factory warranty and our 60-day satisfaction guarantee applies to these bargains also. These items are limited to stock on hand so call us to find out what is available or visit our website at: *ccrane.com/orphans*.

eNews Newsletter:
We invite you to sign up for our email notifications, exclusive deals and offers, product spotlights, announcements and special sales. You can subscribe at: *ccrane.com/newsletter.*

Pricing:
Unless we have an unusual circumstance or error, our prices and shipping costs are good through September 2017.

We love letters and emails about our products and services. Most of the letters are in praise and we distribute them around the departments to show everyone that we are doing a good job. We take care of each customer to the best of our ability and strive for excellence. I want to hear your story about experiences with C. Crane, good or bad. Your input becomes our plan for change so we can improve our service and continue to build your trust.

Thank you!
Robert C. Crane

Audio Product Instructions for the Vision Impaired:

You can download most product instructions free from our website at: *ccrane.com/audio-instructions*.

Repair Services:

Repairs generally take 4-6 weeks and are completed on a first come, first serve basis. We only repair products that are manufactured by C. Crane. Please call so we can set up a repair order for you, Most repairs are $59.99 + $11.99 return shipping but charges may vary. A check for $71.98 or a credit card number must accompany the insured product. Please be sure to include current contact information including a phone number. **Please remove and keep the batteries, power cord or adapter, and carry case before sending the item to us. Our repairs are warranted for one year.**

GIFT CERTIFICATES

C. Crane gift certificates are the perfect solution for anyone who loves radio.

Our gift certificates are available in any amount and never expire.

Refunds for partial amounts will be issued in the form or an additional certificate. Call 800-522-8863 to order or visit: *ccrane.com/gift-certificates.*

Our Mission

C. Crane is a Fortuna, California based company that develops radios and WiFi antennas with enhanced receiving and audio capabilities. We offer radios and light where there is no power available. The radios can receive weaker signals better or work without power. Many of our audio products are tailored for clarity of the spoken word.

As we have done for over 30 years, we promise to:

- Help you make the most appropriate product choices
- Extend customer service beyond the sale and take care of you to the best of our ability.

C.CRANE

172 Main Street
Fortuna CA 95540-1816 **Phone Order Hours: 24/7 All Year**

Customer Service, Tech and Returns: (Pacific Time)

8:15 AM - 12:00 and 1:15 PM - 5:00 PM Monday through Friday

Closed on Major Holidays

Store Hours:

9:00 AM - 5:00 PM Monday through Friday

10:00 AM - 2:00 PM Saturday

1-800-522-8863 (TUNE) • INTERNATIONAL: 707-725-9000
Web: *ccrane.com* • Email: *customerservice@ccrane.com*

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Audiophile audio.
Full, well-rounded bass.
Bluetooth 4.0. See page 16.
Item# SUBSPK

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Item# SKWV

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